

UN 38.3 Test Summary Report



Article:	PowerXtreme X10		
Doc. Number:	E04-X10-EN00_UN 38.3 Test Summary Report		
Product Name:	LiFePO4 Lithium Battery 12.8V 30Ah	Revision	0
Created by:	EWK	Creation date:	17-8-2021
Approved by:	DWK	Approval date:	17-8-2021

Lithium Cell or Battery Test Summary in Accordance with Section 2.9.4 UN Model Regulations and Sub-section 38.3 of the UN Manual of Tests and Criteria, Part III, subsection 38.3.5

(a) <input type="checkbox"/> Cell <input checked="" type="checkbox"/> Pack <input type="checkbox"/> Product Article/Model: PowerXtreme X10	(d) UNIQUE REPORT ID: RZUN2021-3133 (e) REPORT DATE: August 17, 2021
(b) MANUFACTURER EmergoPlus B.V. Informaticastraat 20, 4538 BT, Terneuzen, The Netherlands T. +31852018158 info@emergoplus.com www.emergoplus.com	(c) TEST LABORATORY CVC Testing Co. Ltd. No.3, Tiantai 1st Road, Kaintai Avenue, Science City, Guangzhou P. R. China. T. +86-020 32293888 office@cvc.org.cn www.cvc.org.cn

(f) DESCRIPTION
(i) <input checked="" type="checkbox"/> Lithium ion <input type="checkbox"/> Lithium metal
(ii) Mass: 2.25 kg
(iii) <input checked="" type="checkbox"/> Watt hour rating : 128Wh <input type="checkbox"/> Lithium content :
(iv) Physical description: Rechargeable LiFePO4 Battery
(v) Model numbers: PowerXtreme X10

(g) LIST OF TESTS CONDUCTED			RESULTS (Pass / Fail / N.A.)
38.3.4.1	Test 1:	Altitude Simulation	Pass
38.3.4.2	Test 2:	Thermal Test	Pass
38.3.4.3	Test 3:	Vibration	Pass
38.3.4.4	Test 4:	Shock	Pass
38.3.4.5	Test 5:	External Short Circuit	Pass
38.3.4.6	Test 6:	Impact/Crush	Pass
38.3.4.7	Test 7:	Overcharge	Pass
38.3.4.8	Test 8:	Forced Discharge	Pass

(h) BATTERY ASSEMBLY TESTING REQUIREMENTS: N.A. UN38.3.3 (f) UN38.3.3 (g)

(i) TEST REFERENCE:

UN ST/SG/AC.10.11/Rev.7, Amend.1 , Recommendations of the TRANSPORT OF DANGEROUS GOODS, Manual of Test and Criteria, Part III, section 38.3, Lithium metal and lithium ion batteries

(j) SIGNATURE 17-8-2021

Dick van Wijck, CEO

Important! The above signatory / signatories affirm that this document is a true and correct summary of the original individual tests and test data. The original test data is confidential information available to competent State Authorities with valid identification and only upon their formal request. Disclosure of the original test data to any other entity upon its request will be considered by EmergoStar and, should EmergoStar consider this request is with merit, may be subject to the prior execution of a nondisclosure agreement.